

NOTICE: THE INFORMATION AND
DESIGN CONTAINED HEREIN IS THE
PROPERTY OF PREMIER AVIATION
WHO RESERVES ALL RIGHTS THERETO

REV STATUS OF SHEETS	REV	A	A
	SHEET	1	2

REVISIONS				
ZONE	MOD	REV		
		-	MFG. RELEASE	9/1/90
		A	REVISE PER ECO. #3637	12/17/92

NOTES: (UNLESS OTHERWISE SPECIFIED):

1. LIGHTLY LUBRICATE FITTINGS DURING ASSY WITH MIL-L-5606.
2. INSTALL HYDRAULIC FITTINGS PER MS33566 EXCEPT USE MS29778 PACKING AND MS28773 RETAINERS AND AS OTHERWISE NOTED.
3. CAP OPENINGS DURING INSTALLATION TO PREVENT FOREIGN OBJECTS FROM ENTERING HYDRAULIC SYSTEM.
- 4** ADD FUNCTION TAPE 31-033-4 AND SUBSIDIARY FUNCTION 31-032-XX PER MIL-STD-1247.
5. OPEN
- 6** TO INSTALL HOSE ASSY'S POSITION THE ASSEMBLY IN ITS FREE LAY AS SHOWN ON F/D AND START THE NUT BY HAND. THEN USE A BACKUP WRENCH ON THE HEX OF THE HOSE NIPPLE TO PREVENT THE HOSE FROM TWISTING WHEN APPLYING TORQUE TO THE NUT.
7. INSTALL TUBING PER AC43.13-1A/3 CHAPTER 10 SECTION 1
- 8** DRAIN HYDRAULIC FLUID IN SYSTEM 1 & 2, PRIOR TO REMOVAL OF PUMP. REFILL SYSTEM 1 & 2 AFTER INSTL OF PUMP.
9. INSTALLATION TO BE MADE WITH THE USE OF ANTI-SEIZE COMPOUND PER MIL-A-13881.
- 10** LUBRICATE SPLINE USING MIL-A-907 ANTI-SEIZE COMPOUND.
11. TORQUE PER AC43.13-1A/3 CHAPTER 5 SECTION 1 .227.
12. OPEN
- 13** REMOVE AN AND ALL SPECIFIED FITTINGS HARDWARE, AND PACKINGS ON THE PUMP AFTER REMOVAL FROM THE TRANSMISSION AND BEFORE INSTALLING ON THE QUILL ASSEMBLY.
- 14** REMOVE HYDRAULIC PUMP PER BHT-412-MM-1, CHAP 66.
- 15** ALTERNATE:
REMOVE BELL HOSE ASSY 70-034M310W144A REPLACE WITH -03 HOSE ASSY. (INSTALLATION PROCEDURE / REQUIREMENTS SAME AS BELL UNIT.
- 16** BHT PRINT 212-706-125 AUX EQPT KIT / PL212-706-125 PART LIST TO BE USED WITH / ALTERNATE FOR QUILLE INSTL. (212-040-703-101).

2	516-16D	SOCKET	SUPERIOR AEROSPACE HOSE SHOP			
1	885112-16D	ELBOW 45°	SUPERIOR AEROSPACE HOSE SHOP			
1	885114-16D	ELBOW 90°	SUPERIOR AEROSPACE HOSE SHOP			
A/R	AE701-16	HOSE	SUPERIOR AEROSPACE HOSE SHOP			
1	70-012-V000T172	HOSE ASSY	BHT			
1	70-012-J000V180	HOSE ASSY	BHT			
1	70-012F000X102	HOSE ASSY	BHT			
A/R	31-032-21	TAPE	BHT			
A/R	31-032-19	TAPE	BHT			
A/R	31-032-10	TAPE	BHT			
1	20-032-4	TAPE	BHT			
1	20-032-2	BRACKET	BHT			
A/R	31-033-4	FUNCTION TAPE	BHT			
REF	B23-13002	GENERATOR/QUILL INSTL	PREMIER			
1	124045E0620C180	HOSE ASSY	STRATOFLEX			
1	MS28778-16	PACKING				
5	MS28778-8	PACKING				
1	MS28778-4	PACKING				
1	MS28773-08	RETAINER				
1	MS28773-04	RETAINER				
1	MS27039-1-08	SCREW				
1	MS21919WDG10	CLAMP				
2	MS21919WDG8	CLAMP				
1	MS21908D8	ELBOW				
1	MS21908D4	ELBOW				
1	MS21902D16	UNION				
1	MS21902D8	UNION				
2	MS21042L3	NUT				
1	MS9136-01	GASKET				
1	NAS43DD3-65	SPACER				
2	AN960PD10L	WASHER				
1	AN938D8	TEE				
1	AN893-12D	BUSHING				
1	AN814-8DL	PLUG				
1	AN6289D8	NUT				
1	AN3H14A	BOLT				
	-03	HOSE ASSY CONFORMS TO MIL-1-45208A	ALTERNATE: AE701SM0124-310 SUPERIOR AEROSPACE HOSE SHOP			
	-01	INSTALLATION				
QTY PER	QTY PER	PART NO.	DESCRIPTION	SPECIFICATION	CODE IDENT NO.	ITEM NO.
-03	-01					

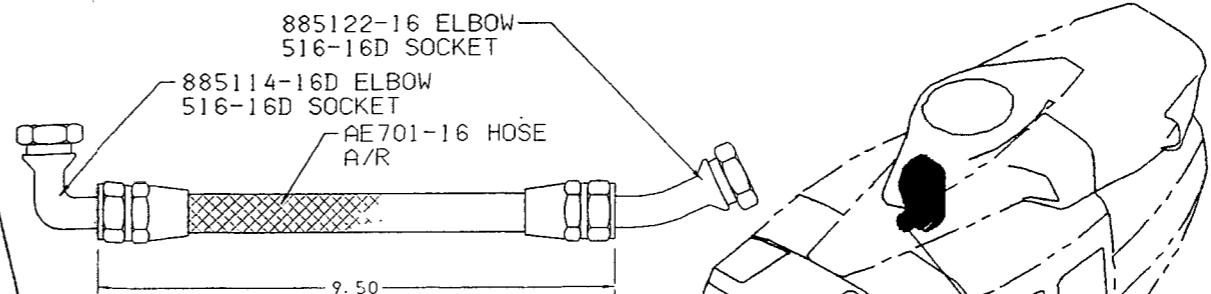
03	01	PARTS LIST			NO.		
MATERIAL		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON					
		DECIMALS .XX±.05 .XX±.03 ANGLES ±1°		DRAWN <i>Robert E Latham</i> DATE <i>2/1/90</i>		 Premier PREMIER AVIATION GRAND PRAIRIE, TEXAS	
FINISH		ON	NHA	APPROVAL	APPROVAL	MOD SYSTEM 2 HYDR PUMP INSTALLATION	
		412 212		APPROVAL	APPROVAL	SIZE	CODE IDENT NO.
				APPROVAL	D DSUV8	B23-13001	A
				SCALE: NONE	WT:	SHEET 1	OF 2

MOD SYSTEM 2 HYDR PUMP INSTALLATION

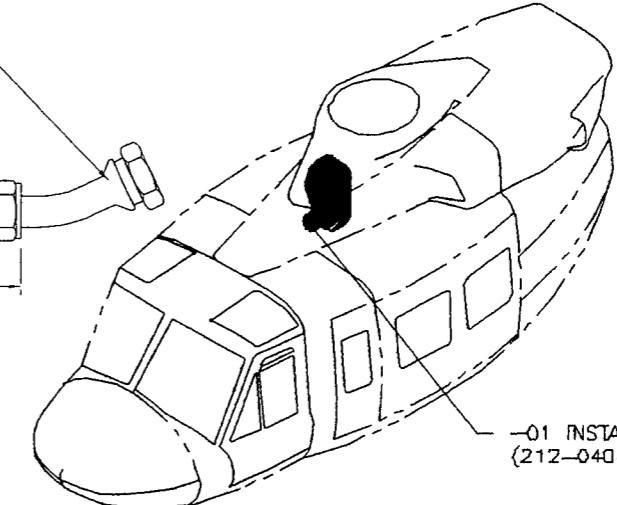
SIZE	CODE IDENT NO.	B23-13001	REV.
D	OSUV8		A
SCALE: NONE	WT:	SHEET 1 OF 2	

8 7 6 5 4 3 2 1

DISCONNECT AND REMOVE TUBE ASSY 212-076-342-1. INSTALL MS28778-8 PACKING AND ANB38D8 TEE INTO EXISTING MS21902D8 UNION AS SHOWN. RELOCATE TEMP BULB MS28034-3 AND BUSHING AN893-12D WITH MS28778-8 PACKING ON TO TEE AS SHOWN. ADD MS21902D8 UNION AND MS28778-8 PACKING ON TO TEE. REPLACE 212-076-342-1 WITH 124045E0620C180 HOSE ASSY AND REROUTE.



-03 HOSE ASSY
(REF AE7015M0124-310 ASSY)



-01 INSTALLATION
(212-040-703 QUILL REF)

REMOVE TEMP BULB MS28034-3 AND BUSHING AN893-12D FROM CROSS REF. (AN837D8). INSTALL PLUG AN814-8DL AND MS28778-8 PACKING AND SAFETY.

(REMOVE) 13
MS21926-16D ELBOW
AN6289D16 NUT
MS28773-16 RING
MS28778-16 PACKING (ADD)
MS21902D16 UNION
MS28778-16 PACKING

(REMOVE) 13
MS21902D8 UNION
MS28778-8 PACKING (ADD)
MS21908D8 ELBOW
MS28773-08 RETAINER
MS28778-8 PACKING AN6289D8 NUT

ASSY 03 15

212-076-153-1 TUBE ASSY
REF

VIEW LOOKING DOWN
FWD

(RELOCATE FROM EXISTING XMSN)
212-076-011-1 PUMP
USE EXISTING HDWR
REPLACE MS9136-01 GASKET
10 13

212-076-135(REF)

212-040-703(REF)

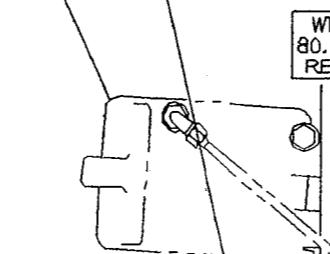
STA
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REF

STA
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REF

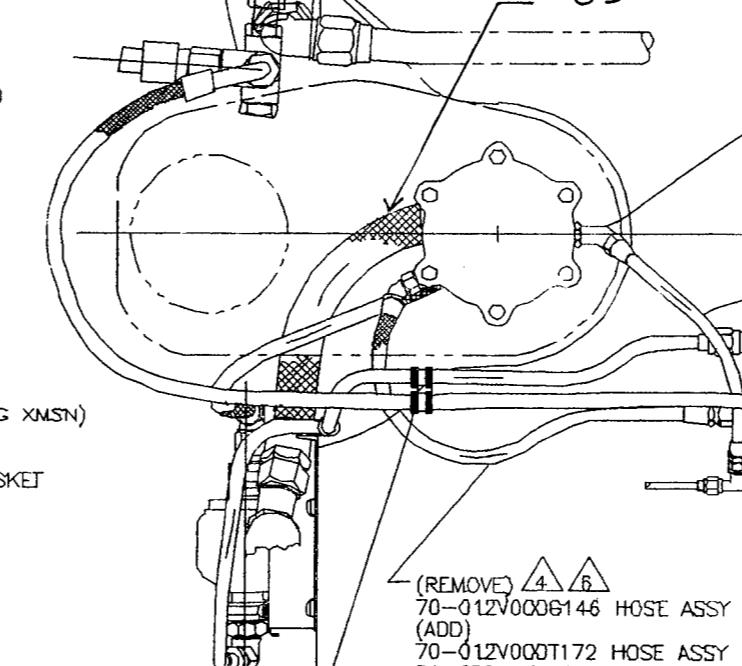
(REMOVE)
70-012 JD75W200 HOSE ASSY
(ADD)
70-012-J000V180 HOSE ASSY
31-032-21 TAPE 4 6

2 REQD MS21919WDG8 CLAMP
MS27039-1-08 SCREW
AN960PD10L WASHER
MS21042L3 NUT

-01 INSTALLATION

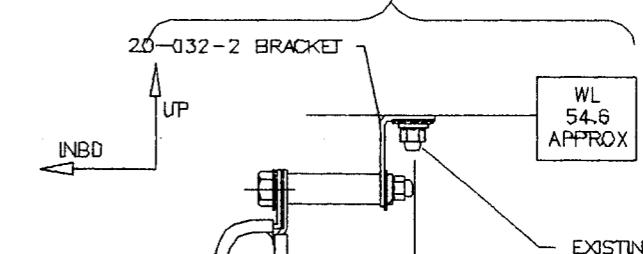


-03 REF



(REMOVE) 13
MS21907D4 ELBOW
MS28773-04 RETAINER
MS28778-4 PACKING (ADD)
MS21908D4 ELBOW
MS28773-04 RETAINER
MS28778-4 PACKING (USE EXISTING) AN6289D4 NUT

(REMOVE) 4 6
124027-4D0100 HOSE ASSY
(ADD)
70-012-F00X102 HOSE ASSY
31-032-10 TAPE
31-033-4 TAPE



MS21919WDG10 CLAMP
AN97H14A BOLT
NAS43DD3-65 SPADE
AN960PD10L WASHER
MS21042L3 NUT

INBD
UP

EXISTING FASTENER

SIZE D005 IDENT. NO. REV
D 58356 B23-13001 A
MOD. SYSTEM 2 HYDR PUMP INSTL SHEET 2 OF 2
STC SH7923SW STC SH7934SW

STC'd PRINT

(412HYDR2) ORIGINAL